



Trucking

- Business Services
 - Deliver Blue Blocks per day
 - Deliver concrete blocks per day
 - Deliver Detector Planes

- Delivery Conflict
 - Business Services rent additional Truck
 - T&M supply additional Truck



Cranes

- Operator Training
 - Dedicated operators
 - Primary operator and backup operator
 - Restrict number of operators to Enhance
 - Safety
 - Efficiency
 - coordination



Cranes

- Daily Inspections & Documentation
 - Cranes
 - Rigging Equipment
- Lowering equipment down shaft
 - Develop handoff procedure
 - One operator is Upstairs, one Downstairs



Cranes

- Constraints
 - Business Office decision – will Davis-Bacon worker operate crane for Davis-Bacon work

- Schedule
 - Maximum number of crane cycle per day
 - Can handle all deliveries



Shaft Work Procedures

- Minos S. B.
 - Under Development
 - Issues
 - When railing is removed
 - Fall protection
 - Restricting Access to shaft area



Labor

- Davis Bacon Work
 - Absorber Assembly
 - Vacuum Piping
 - Water Piping
 - Electrical Distribution
 - Coil Power Supply
 - Relay Racks



Labor

- Lab Employee/Collaborators Work
 - Vacuum system
 - Water systems
 - Detector
 - Plane installation
 - Plane cabling
 - Electronics
 - Coil installation



Material Disposition

- Develop Minos S.B. floor plan
 - 1300 lbs/sq ft
 - Stage some blue & concrete blocks
 - Use just-in-time delivery of Planes
- Assign Equipment
 - Fork Trucks



Material Disposition

- Absorber (major components)
 - Blue Blocks at Railhead
 - Concrete Blocks at Railhead
 - Prefabricated system at Muon Lab
 - Vacuum System
 - Water System



Material Disposition

- Detector (major components)
 - Planes at Muon Lab
 - Electronics RR at Muon Lab
 - Coil Power Supply at Muon Lab
 - Water System Skids at Muon Lab